

My residence, post office address and citizenship are as stated below next to my name;

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention, design or discovery entitled:

FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT
the specification of which is attached hereto;

We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and

We acknowledge our duty to disclose to the Patent and Trademark Office all information known to us which is material to patentability as defined in 37 C.F.R. § 1.56 (a).

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a) of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NONE

We hereby claim provisional priority benefits under 35 U.S.C. § 119(e) of any provisional application(s) for patent or inventor's certificate listed below and have also identified any provisional application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

NONE

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined 37 C.F.R. § 156 (a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

NONE

We hereby appoint:

Gregory M. Howison	Reg. No. 30,646
Roger N. Chauza	Reg. No. 29,753
Peter J. Thoma	Reg. No. 28,121
Mark W. Handley	Reg. No. 36,821
John J. Arnott	Reg. No. 39,095
Stephen S. Mosher	Reg. No. 33,974
William Gustavson	Reg. No. 29,160

of the firm HOWISON, CHAUZA, THOMA, HANDLEY & ARNOTT, L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications based thereon in any foreign country or before any international authorities under the Patent Cooperation Treaty.

Send Correspondence To:

HOWISON, CHAUZA, THOMA, HANDLEY
& ARNOTT, L.L.P.
P.O. Box 741715
Dallas, Texas 75374-1715

Direct Telephone Calls To:

Gregory M. Howison
at (972) 479-0462
Atty. Docket No. CYGL-25,768

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of the First Joint Inventor: **Donald E. Alfano**

Inventor's Signature: _____

Date: _____

Residence (City, State): **Round Rock, Austin**

Citizenship: **U.S.A.**

Post Office Address: **11 Meandering Way, Round Rock, Texas 78664**

Inventor's Signature:

Date:

Citizenship: U.S.A.

Post Office Address: 7328 Cave Hollow Drive, Austin, Texas 78750

Inventor's Signature:

Date:

Citizenship: **U.S.A.**

Post Office Address: 14410 Red Oak Cove, Austin, Texas

Inventor's Signature: _____

Date:

Citizenship: U.S.A.

Post Office Address: 9800 Fallon Cove, Austin, Texas

DATE	TIME	LOCATION	PERSONS	REMARKS
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1948	21:00	1000		

Inventor's Signature:

Residence (City, State): **Austin, Texas**

Citizenship: U.S.A.

Post Office Address: 9216 Spicebrush Drive, Austin, Texas

Inventor's Signature:

Residence (City, State): _____

Citizenship: _____

Post Office Address: _____

Inventor's Signature:

Residence (City, State): _____

Citizenship: _____

Post Office Address: _____

Inventor's Signature:

Date:

Residence (City, State): _____

Citizenship: _____

Post Office Address: _____

Inventor's Signature:

Date:

Residence (City, State): **Wimberley, Texas**

Citizenship: U.S.A.

Post Office Address: 820 Camino de Rancho, Wimberley, Texas

**STATEMENT CLAIMING SMALL ENTITY STATUS --
SMALL BUSINESS CONCERN**

I hereby declare that I am an official of the small business concern identified below and am empowered to act on behalf of the concern:

Cygnal Integrated Products, Inc.
 4301 Westbank Drive, Suite B-100, Austin, Texas 78746

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 37 C.F.R. § 1.9 (d), for purposes of paying reduced fees, in that (1) the number of employees of the concern including those of its affiliates, does not exceed 500 persons, and (2) the concern has not assigned, granted, conveyed, or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the below-identified invention to any person who could not be classified as an independent inventor if the person had made the invention, or to any concern which would not qualify as a small business concern or as a nonprofit organization. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that exclusive rights to the invention have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled
FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT

and for which application for Letters Patent of the United States is to be filed of even date herewith by inventor(s), Donald E. Alfano, Danny J. Allred, Douglas S. Piasecki, Kenneth W. Fernald, Ka Y. Leung, Brian Caloway, Alvin Storvik, Paul Highley and Douglas R. Holberg.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 C.F.R. § 1.29 (b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of the application or any patent issuing thereon.

Cygnal Integrated Products, Inc.

By: _____
 Douglas R. Holberg

Its: V.P. Engineering, Chief Technical Officer

Date: _____

ASSIGNMENT

WHEREAS, we, Donald E. Alfano, citizen of U.S.A., resident of Round Rock, Texas; Danny J. Allred, citizen of U.S.A., resident of Austin, Texas; Douglas S. Piasecki, citizen of U.S.A., resident of Austin, Texas; Kenneth W. Fernald, citizen of U.S.A., resident of Austin, Texas; Ka Y. Leung, citizen of U.S.A., resident of Austin, Texas; Brian Caloway, citizen of _____, resident of _____; Alvin Storvik, citizen of _____, resident of _____; Paul Highley, citizen of _____, resident of _____; and Douglas R. Holberg, citizen of U.S.A., resident of Wimberley, Texas, have invented certain new and useful improvements in "FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT" for which we are about to make application for United States Letters Patent; and

WHEREAS, Cygnal Integrated Products, Inc., a corporation of the State of Delaware, which has a business address of 4301 Westbank Drive, Suite B-100, Austin, Texas 78746, (hereinafter referred to as "Assignee"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interests are concerned, to said Assignee of our entire right, title and interest.

We also hereby sell and assign to said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said Assignee, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements, and, at the expense of said Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said Assignee and to aid said Assignee, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Name of First Joint Inventor: **Donald E. Alfano**

Residence (City, County, State): **Round Rock, Williamson County, Texas**

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF _____ §

COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this ____ day of _____, 2001, personally appeared Donald E. Alfano, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

Date Application Executed: _____

COUNTY OF § ss:

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D.,
2001.

Commission Expires: _____

Name of Third Joint Inventor: **Douglas S. Piasecki**

Residence (City, County, State): **Austin, Travis County, Texas**

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF _____ §

COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Douglas S. Piasecki, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

Name of Fourth Joint Inventor: **Kenneth W. Fernald**

Residence (City, County, State): **Austin, Williamson County, Texas**

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF §

COUNTY OF § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Kenneth W. Fernald, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

NOTARY PUBLIC

Name of Fourth Joint Inventor: **Ka Y. Leung**

Residence (City, County, State): **Austin, Travis County, Texas**

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF _____ §

COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Ka Y. Leung, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

100-50-55555

Name of Fourth Joint Inventor: **Brian Caloway**

Residence (City, County, State): _____

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF _____ §

COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Brian Caloway, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this _____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

2001-01-01 10:00:00

Name of Fourth Joint Inventor: **Alvin Storvik**

Residence (City, County, State): _____

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF _____ §

COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Alvin Storvik, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D., 2001.

Notary Public

Commission Expires:

2001-05-01 10:00:00

Date Application Executed: _____

STATE OF _____ §
COUNTY OF _____ § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Paul Highley, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D.,
2001.

Notary Public

Commission Expires:

Residence (City, County, State): Wimberley, Hays County, Texas

Signature: _____

Date: _____

Date Application Executed: _____

STATE OF §

COUNTY OF § ss:

BEFORE ME, a Notary Public, on this _____ day of _____, 2001, personally appeared Kenneth W. Fernald, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this ____ day of _____ A.D.,
2001.

Notary Public

Commission Expires: